

Listing and Amendments to the Claims

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This listing of claims will replace the claims that were published in the PCT Application and annexed to the International Preliminary Report on Patentability:

1. (currently amended) An apparatus ~~(20)~~, comprising:  
processing means ~~(21-32)~~ for receiving satellite signals and processing said received signals to generate analog signals without demodulating the received signals;  
control means ~~(34)~~ for enabling generation of said analog signals responsive to a request signal; and  
wherein said analog signals are provided to a client device ~~(40)~~ via a transmission medium connecting said apparatus ~~(20)~~ and said client device ~~(40)~~.
2. (currently amended) The apparatus ~~(20)~~ of claim 1, wherein said transmission medium includes RG-59 cable.
3. (currently amended) The apparatus ~~(20)~~ of claim 1, wherein said processing means ~~(21-32)~~ includes:  
frequency converting means ~~(21-28)~~ for converting said received signals from a first frequency band to a second frequency band to generate frequency converted signals; and  
filtering means ~~(29-32)~~ for filtering said frequency converted signals to generate said analog signals.
4. (currently amended) The apparatus ~~(20)~~ of claim 3, wherein:  
said first frequency band is greater than 1 GHz; and  
said second frequency band is less than 1 GHz.
5. (currently amended) The apparatus ~~(20)~~ of claim 1, wherein:  
said control means ~~(34)~~ detects an available frequency band on said transmission medium; and  
said available frequency band is used to provide said analog signals to said client device ~~(40)~~.

6. (currently amended) The apparatus ~~(20)~~ of claim 5, wherein said control means ~~(34)~~ scans a plurality of frequency bands on said transmission medium to detect said available frequency band.

7. (currently amended) The apparatus ~~(20)~~ of claim 5, wherein said control means ~~(34)~~ detects said available frequency band based on a user input which selects said available frequency band.

8. (currently amended) The apparatus ~~(20)~~ of claim 5, wherein said processing means ~~(21-32)~~ comprises:

frequency converting means ~~(21-28)~~ for converting said received signals from a first frequency band to the available frequency band to generate frequency converted signals; and

filtering means ~~(29-32)~~ for filtering said frequency converted signals to generate said analog signals.

9. (currently amended) The apparatus ~~(20)~~ of claim 8, wherein said frequency converting means ~~(21-38)~~ comprises a signal mixer ~~(21-24)~~.

10. (currently amended) The apparatus ~~(20)~~ of claim 1, wherein said request signal is provided to said apparatus ~~(20)~~ via said transmission medium.

11. (currently amended) A method ~~(500)~~ for distributing signals from a gateway apparatus to a device, comprising steps of:

receiving satellite signals ~~(510)~~;

receiving a request signal from said device indicating a channel ~~(520)~~;

processing said received signals to generate analog signals corresponding to said channel responsive to said request signal ~~(540)~~, without demodulating said received signals; and

providing said analog signals to said device via a transmission medium connecting said gateway apparatus and said device ~~(550)~~.

12. (currently amended) The method ~~(500)~~ of claim 11, wherein said transmission medium includes RG-59 cable.

13. (currently amended) The method ~~(500)~~ of claim 11, wherein said processing step ~~(540)~~ includes:

converting said received signals from a first frequency band to a second frequency band to generate frequency converted signals; and  
filtering said frequency converted signals to generate said analog signals.

14. (currently amended) The method ~~(500)~~ of claim 13, wherein:  
said first frequency band is greater than 1 GHz; and  
said second frequency band is less than 1 GHz.

15. (currently amended) The method ~~(500)~~ of claim 11, further comprising a step of:

detecting an available frequency band on said transmission medium ~~(530)~~; and  
wherein said available frequency band is used to provide said analog signals to said device.

16. (currently amended) The method ~~(500)~~ of claim 15, wherein said detecting step ~~(530)~~ includes scanning a plurality of frequency bands on said transmission medium to identify said available frequency band.

17. (currently amended) The method ~~(500)~~ of claim 15, wherein said detecting step ~~(530)~~ is performed based on a user input which selects said available frequency band.

18. (currently amended) The method ~~(500)~~ of claim 15, wherein said processing step ~~(540)~~ comprises the steps of:

converting said received signals from a first frequency band to the available frequency band to generate frequency converted signals; and  
filtering said frequency converted signals to generate said analog signals.

19. (currently amended) The method ~~(500)~~ of claim 18, wherein said converting step comprises the step of mixing said received signals in the first frequency band with a generated frequency signal.

20. (currently amended) The method ~~(500)~~ of claim 11, wherein said request signal is provided to said gateway apparatus via said transmission medium.